

2631
*Handwritten initials***INFORMATION
DISCLOSURE STATEMENT
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	09/873,567
Filing Date	June 4, 2001
First Named Inventor	Joseph P. Meehan
Group Art Unit	2631
Examiner Name	N/A
Attorney Docket Number	US010229

☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. ☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
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- ☐ Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
- ☐ A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.
- ☐ A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. _____ Filing Date _____ relied on for an earlier effective filing date under 35 U.S.C. 120).
- ☐ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
- ☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

- ☒ cited in the specification or considered in drafting the specification of this application;
- ☐ previously submitted or cited in the parent application (or in a related patent application Ser. No. _____ Filing Date: _____);
- ☐ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

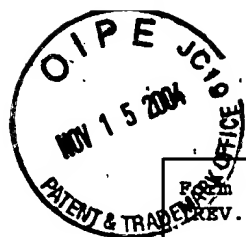
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Michael E. Marion	Registration No. (Attorney/Agent)	32,266
Signature	<i>Michael E. Marion</i>	Date	November 12, 2004

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # : _____ on the date below:

Name (Print Type)	Patti DeMichele	Date	November 12, 2004
Signature	<i>Patti DeMichele</i>		



PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE				Atty. Docket No. US010229		Serial No. 09/873,567	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant Joseph P. Meehan			
				Filing Date June 4, 2001		Group 2631	

U.S. PATENT DOCUMENTS									
Ex. Int.		Document Number	Date	Name	Class	Sub-class	Filing Date If Approp.		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								

FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Sub-class	Trans.		
							Yes	No	
	AG								
	AH								
	AI								
	AJ								
	AK								

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AL	"Symbol-Rate Timing Recovery Comprising the Optimum Signal-to-Noise Ratio in a Digital Subscriber Loop", by Antoni Fertner et al., XP-000702910, IEEE Transactions on Communications, Vol. 45, No. 8, August 1997, pages 925-936.
	AM	
	AN	

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.